## **CLAIMS**

What is claimed is:

5

10

1. A computer-implemented process for assessing the vulnerability of a workstation to a security compromise, comprising the steps:

issuing a request for a scanner from a browser operating on the workstation to a network server via a computer network;

transmitting the scanner from the network server to the workstation via the computer network, the scanner installable within the browser and operative to complete a vulnerability assessment of the workstation; and

generating workstation credentials in response to the scanner conducting the vulnerability assessment of the workstation.

15

- 2. The computer-implemented process of Claim 1 further comprising the step of presenting the workstation credentials to the user of the workstation.
- 3. The computer-implemented process of Claim 1 further comprising the step of transmitting the workstation credentials to the network server via the computer network.
- 4. The computer-implemented process of Claim 1 further comprising the step of completing a repair operation by the scanner to address a security vulnerability identified by the scanner in response to completing the vulnerability assessment of the workstation.
- 5. The computer-implemented process of Claim 1 wherein the scanner comprises a plug-in control operable with the browser and a data file defining security vulnerabilities.

5

- 6. The computer-implemented process of Claim 1, wherein the step of issuing a request for a scanner comprises the browser issuing a request for a Web page at the network server, the Web page hosting the scanner as a plug-in control available for installation with the browser.
- 7. A computer-readable medium comprising the computer-implemented process of Claim 1.

5

8. A computer-implemented process for authenticating a workstation requesting a software service, comprising the steps:

issuing a request for a scanner to a network server from a browser operating on the workstation;

transmitting the scanner and a workstation policy from the network server to the workstation via the computer network, the scanner installable within the browser and operative to generate workstation credentials by completing a vulnerability assessment of the workstation;

on the workstation to determine whether the workstation should be granted access to the software service.

- 9. The computer-implemented process of Claim 8, wherein the step of issuing a request for a scanner comprises the browser issuing a request for a Web page at the network server, the Web page hosting the scanner as a control operable with the browser.
- 10. A computer-readable medium comprising the process of Claim 20 8.

5

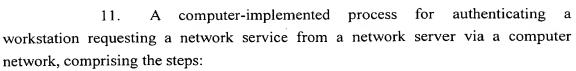
10

15

20

25

35



issuing a request for a scanner to the network server from a browser operating on the workstation;

transmitting the scanner from the network server to the workstation via the computer network, the scanner installable within the browser and operative to generate workstation credentials by completing a vulnerability assessment of the workstation to identify security vulnerabilities that would compromise the secure operation of the workstation on the computer network;

transmitting the workstation security credentials from the scanner to the network server via the computer network; and

determining at the network server whether the workstation should be granted access to a network service of the network based on the workstation credentials.

12. The computer-implemented process recited by Claim 11 wherein the network server comprises a CGI script and the step of determining whether the workstation should be granted access to the network service comprises the CGI script comparing the workstation credentials to a workstation security policy maintained at the network server to determine whether the workstation should be granted access to the network service;

if the workstation credentials satisfy the workstation security policy, then authorizing access to the network service and directing the browser to the log-in page via the computer network,

otherwise, denying access to the network service and delivering an access denied page to the workstation via the computer network.

- 13. A computer-readable medium comprising the computer-30 implemented process of Claim 11.
  - 14. The computer-implemented process of Claim 11, wherein the step of issuing a request for a scanner comprises the browser issuing a request for a Web page at the network server, the Web page hosting the scanner as a plug-in control available for installation with the browser.